

CALSMA LAGOON STORAGE - SEPTEMBER 30, 2013

Lagoon	Total Capacity		Empty Lagoon Depth @ DOB	Avg. Storage per foot	Present Storage Depth @ DOB	Storage Depth Remaining @ DOB	Used Storage Volume*	Storage Volume Remaining	Present Lagoon Input
	(Cu. Yd)	(mil Gal)	(feet)	(mil Gal)	(feet)	(feet)	(mil Gal)	(mil Gal)	Dry Tons
1	105,000	21.3	16.7	1.275	15.70	1.0	20.0	1.3	4,081
2	110,000	22.3	17.0	1.312	0.00	17.0	0.0	22.3	438
3	101,000	20.3	18.3	1.109	0.00	18.3	0.0	20.3	0
4	101,000	20.5	18.5	1.108	0.00	18.5	0.0	20.5	0
5	120,000	24.2	15.3	1.582	0.00	15.3	0.0	24.2	0
6	138,000	27.8	16.8	1.655	14.90	1.9	24.7	3.1	7,786
7	183,000	37.0	17.3	2.139	12.50	4.8	26.7	10.3	9,439
8	250,000	50.4	16.0	3.150	0.60	15.4	1.9	48.5	864
14	133,000	26.8	19.0	1.411	11.60	7.4	16.4	10.4	2,372
15	121,000	24.5	19.8	1.237	0.00	19.8	0.0	24.5	0
17	204,000	41.3	19.3	2.140	4.60	14.7	9.8	31.5	1,664
18	210,000	42.4	19.9	2.131	10.60	9.3	22.6	19.8	4,544
19	199,000	40.2	19.9	2.020	2.50	17.4	5.1	35.1	1,246
Total	1,976,000	399					127.1	272	32,434

* Used storage volume for CALSMA lagoons is based on the depth measurement at the DOB,
 Used storage volume=Depth remaining*Avg. storage per foot.

Approximate number of days for emergency low-solids capacity @ 3%TS: 372 days
 Approximate number of days for emergency low-solids capacity @ 6%TS: 745 days
 Approximate number of days for emergency low-solids capacity @ 9%TS: 1117 days

Average daily digester discharge 2006 to 2011 = 0.73mgd